

L Number	Hits	Search Text	DB	Time stamp
1	1	("20020004199").PN.	USPAT; US-PGPUB; EPO	2003/08/29 10:29
2	1	coefficient same surfactancy same bead same antigen	USPAT; US-PGPUB; EPO; DERWENT	2003/08/29 10:40
3	1	coefficient same surfactancy same bead	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/29 10:41
4	1	surfactancy same bead same antigen	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/29 10:41
5	1	surfactancy same bead same protein	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/29 10:41
6	1	surfactancy same bead same antibody	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/29 10:41
7	2	surfactancy same bead	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/29 10:41

L Number	Hits	Search Text	DB	Time stamp
1	1	("20020004199").PN.	USPAT; US-PGPUB; EPO	2003/08/29 10:29
2	1	coefficient same surfactancy same bead same antigen	USPAT; US-PGPUB; EPO; DERWENT	2003/08/29 10:40
3	1	coefficient same surfactancy same bead	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/29 10:41
4	1	surfactancy same bead same antigen	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/29 10:41
5	1	surfactancy same bead same protein	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/29 10:41
6	1	surfactancy same bead same antibody	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/29 10:41
7	2	surfactancy same bead	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/29 10:52
8	1161	surfactant same (bead or particle or particulate) same (antigen or protein or antibody)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/29 10:53
9	4	surfactant same (bead or particle or particulate) same (antigen or protein or antibody) same size same coefficient	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/08/29 10:53

NEWS 38 AUG 18 Simultaneous left and right truncation added to ANABSTR

NEWS EXPRESS April 4 CURRENT WINDOWS VERSION IS V6.01a, CURRENT
MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),
AND CURRENT DISCOVER FILE IS DATED 01 APRIL 2003
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NEWS INTER General Internet Information
NEWS LOGIN Welcome Banner and News Items
NEWS PHONE Direct Dial and Telecommunication Network Access to STN
NEWS WWW CAS World Wide Web Site (general information)

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 10:33:01 ON 29 AUG 2003

=> file .jacob

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'CAPLUS' ENTERED AT 10:33:11 ON 29 AUG 2003

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FILE 'EMBASE' ENTERED AT 10:33:11 ON 29 AUG 2003

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FILE 'USPATFULL' ENTERED AT 10:33:11 ON 29 AUG 2003

CA INDEXING COPYRIGHT (C) 2003 AMERICAN CHEMICAL SOCIETY (ACS)

=> surfactancy(P)bead(P)antigen(P)coefficient

L1	1 FILE CAPLUS
L2	0 FILE BIOSIS
L3	0 FILE MEDLINE
L4	0 FILE EMBASE
L5	1 FILE USPATFULL

TOTAL FOR ALL FILES

L6	2 SURFACTANCY(P) BEAD(P) ANTIGEN(P) COEFFICIENT
----	---

=> d l6 ibib abs total

L6 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2003 ACS on STN

ACCESSION NUMBER: 2001:886639 CAPLUS

DOCUMENT NUMBER: 136:17677

TITLE: No wash bead assay, kit and procedure

INVENTOR(S): Hechinger, Mark K.

PATENT ASSIGNEE(S): Cytometry Applications, Inc., USA

SOURCE: PCT Int. Appl., 28 pp.

CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001092887	A1	20011206	WO 2001-US40837	20010604
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
US 2002004199	A1	20020110	US 2001-873866	20010604
EP 1292829	A1	20030319	EP 2001-939955	20010604
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
PRIORITY APPLN. INFO.:			US 2000-209437P	P 20000602
			WO 2001-US40837	W 20010604

AB A method of making a no wash **bead** based assay comprises prepg. a first reagent comprising a buffer, and prepg. a second reagent comprising a protein. **Beads** of preselected size and having a **coeff** . of variation less than 5 are prepd., including washing the **beads** in the buffer to form a **bead**-buffer matrix and reducing the **surfactancy** of the **beads** to an effective amt. Thereafter, an **antigen** for detecting the presence of a target species is added to the **bead**-buffer matrix such that the **antigen** attaches to the **beads** to form a **bead-antigen** mixt. The **surfactancy** of the **beads** facilitates attachment of the **antigen** thereto. Buffer is added to the **bead-antigen** mixt. and thereafter the mixt. is incubated. The second reagent is added to the **bead-antigen** mixt. to reduce or eliminate non-specific binding sites.

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 2 OF 2 USPATFULL on STN

ACCESSION NUMBER: 2002:8201 USPATFULL
TITLE: No wash bead assay, kit and procedure
INVENTOR(S): Hechinger, Mark K., Pasadena, CA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002004199	A1	20020110
APPLICATION INFO.:	US 2001-873866	A1	20010604 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-209437P	20000602 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	COLIN P ABRAHAMS, 5850 CANOGA AVENUE, SUITE 400, WOODLAND HILLS, CA, 91367	
NUMBER OF CLAIMS:	26	
EXEMPLARY CLAIM:	1	
LINE COUNT:	793	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A method of making a no wash **bead** based assay comprises preparing a first reagent comprising a buffer, and preparing a second

reagent comprising a protein. **Beads** of preselected size and having a **coefficient** of variation less than 5% are prepared, including washing the **beads** in the buffer to form a **bead-buffer** matrix and reducing the **surfactancy** of the **beads** to an effective amount. Thereafter, an **antigen** for detecting the presence of a target species is added to the **bead-buffer** matrix such that the **antigen** attaches to the **beads** to form a **bead-antigen** mixture. The **surfactancy** of the **beads** facilitates attachment of the **antigen** thereto. Buffer is added to the **bead-antigen** mixture and thereafter the mixture is incubated. The second reagent is added to the **bead-antigen** mixture to reduce or eliminate non-specific binding sites.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> surfactancy(P)bead(P)antigen(P)buffer

L7 1 FILE CAPLUS
L8 0 FILE BIOSIS
L9 0 FILE MEDLINE
L10 0 FILE EMBASE
L11 1 FILE USPATFULL

TOTAL FOR ALL FILES

L12 2 SURFACTANCY(P) BEAD(P) ANTIGEN(P) BUFFER

=> surfactancy(P)bead(P)antigen

L13 1 FILE CAPLUS
L14 0 FILE BIOSIS
L15 0 FILE MEDLINE
L16 0 FILE EMBASE
L17 1 FILE USPATFULL

TOTAL FOR ALL FILES

L18 2 SURFACTANCY(P) BEAD(P) ANTIGEN

=> surfactancy(P)bead(P)antigen(P)(coat or attach)

L19 1 FILE CAPLUS
L20 0 FILE BIOSIS
L21 0 FILE MEDLINE
L22 0 FILE EMBASE
L23 1 FILE USPATFULL

TOTAL FOR ALL FILES

L24 2 SURFACTANCY(P) BEAD(P) ANTIGEN(P) (COAT OR ATTACH)

=> surfactancy(P)bead(P)(coat or attach)

L25 1 FILE CAPLUS
L26 0 FILE BIOSIS
L27 0 FILE MEDLINE
L28 0 FILE EMBASE
L29 1 FILE USPATFULL

TOTAL FOR ALL FILES

L30 2 SURFACTANCY(P) BEAD(P) (COAT OR ATTACH)

=> surfactancy(P)bead

L31 1 FILE CAPLUS
L32 0 FILE BIOSIS
L33 0 FILE MEDLINE
L34 0 FILE EMBASE
L35 2 FILE USPATFULL

TOTAL FOR ALL FILES

L36 3 SURFACTANCY(P) BEAD

=> dup rem

ENTER L# LIST OR (END):L36

PROCESSING COMPLETED FOR L36

L37 3 DUP REM L36 (0 DUPLICATES REMOVED)

=> d l37 ibib abs total

L37 ANSWER 1 OF 3 USPATFULL on STN

ACCESSION NUMBER: 2002:8201 USPATFULL

TITLE: No wash bead assay, kit and procedure

INVENTOR(S): Hechinger, Mark K., Pasadena, CA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002004199	A1	20020110
APPLICATION INFO.:	US 2001-873866	A1	20010604 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-209437P	20000602 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	COLIN P ABRAHAMS, 5850 CANOGA AVENUE, SUITE 400, WOODLAND HILLS, CA, 91367	
NUMBER OF CLAIMS:	26	
EXEMPLARY CLAIM:	1	
LINE COUNT:	793	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A method of making a no wash **bead** based assay comprises preparing a first reagent comprising a buffer, and preparing a second reagent comprising a protein. **Beads** of preselected size and having a coefficient of variation less than 5% are prepared, including washing the **beads** in the buffer to form a **bead** -buffer matrix and reducing the **surfactancy** of the **beads** to an effective amount. Thereafter, an antigen for detecting the presence of a target species is added to the **bead** -buffer matrix such that the antigen attaches to the **beads** to form a **bead**-antigen mixture. The **surfactancy** of the **beads** facilitates attachment of the antigen thereto. Buffer is added to the **bead**-antigen mixture and thereafter the mixture is incubated. The second reagent is added to the **bead**-antigen mixture to reduce or eliminate non-specific binding sites.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L37 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2003 ACS on STN

ACCESSION NUMBER: 2001:886639 CAPLUS

DOCUMENT NUMBER: 136:17677

TITLE: No wash bead assay, kit and procedure

INVENTOR(S): Hechinger, Mark K.

PATENT ASSIGNEE(S): Cytometry Applications, Inc., USA

SOURCE: PCT Int. Appl., 28 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001092887	A1	20011206	WO 2001-US40837	20010604

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
 CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR,
 HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT,
 LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU,
 SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU,
 ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM
 RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
 DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,
 BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
 US 2002004199 A1 20020110 US 2001-873866 20010604
 EP 1292829 A1 20030319 EP 2001-939955 20010604
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, SI, LT, LV, FI, RO, MK, CY, AL, TR
 PRIORITY APPLN. INFO.: US 2000-209437P P 20000602
 WO 2001-US40837 W 20010604

AB A method of making a no wash **bead** based assay comprises prepg. a first reagent comprising a buffer, and prepg. a second reagent comprising a protein. **Beads** of preselected size and having a coeff. of variation less than 5 are prepd., including washing the **beads** in the buffer to form a **bead**-buffer matrix and reducing the **surfactancy** of the **beads** to an effective amt. Thereafter, an antigen for detecting the presence of a target species is added to the **bead**-buffer matrix such that the antigen attaches to the **beads** to form a **bead**-antigen mixt. The **surfactancy** of the **beads** facilitates attachment of the antigen thereto. Buffer is added to the **bead**-antigen mixt. and thereafter the mixt. is incubated. The second reagent is added to the **bead**-antigen mixt. to reduce or eliminate non-specific binding sites.

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L37 ANSWER 3 OF 3 USPATFULL on STN
 ACCESSION NUMBER: 94:39861 USPATFULL
 TITLE: Oral hygiene compositions containing antiplaque agents
 INVENTOR(S): Au, Van, Peekskill, NY, United States
 Carson, Robert G., Rahway, NJ, United States
 Harirchian, Bijan, South Orange, NJ, United States
 Schilling, Kurt M., Verona, NJ, United States
 PATENT ASSIGNEE(S): Lever Brothers Company, Division of Conopco, Inc., New York, NY, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5310542		19940510
APPLICATION INFO.:	US 1992-981707		19921125 (7)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1991-816409, filed on 31 Dec 1991, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Griffin, Ronald W.		
LEGAL REPRESENTATIVE:	Mitelman, Rimma		
NUMBER OF CLAIMS:	29		
EXEMPLARY CLAIM:	1		
LINE COUNT:	1156		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Dentifrice compositions including specific aldobionamides having a .beta.-galactosidic linkage e.g., lactobionamides, which act as antimicrobial agents and/or inhibitors of bacterial adhesion.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> file .chemistry

COST IN U.S. DOLLARS	SINCE FILE	TOTAL
FULL ESTIMATED COST	ENTRY	SESSION
	53.75	53.96

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL
CA SUBSCRIBER PRICE	ENTRY	SESSION
	-1.30	-1.30

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FILE 'METADEX' ENTERED AT 10:36:42 ON 29 AUG 2003
 COPYRIGHT (c) 2003 Cambridge Scientific Abstracts (CSA)

FILE 'USPATFULL' ENTERED AT 10:36:42 ON 29 AUG 2003
 CA INDEXING COPYRIGHT (C) 2003 AMERICAN CHEMICAL SOCIETY (ACS)

```
=> surfactancy(P)bead(P)antigen(P)coefficient
L38      1 FILE CAPLUS
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'URFACTANCY(P)BEAD'
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'BEAD(P)ANTIGEN'
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'ANTIGEN(P)COEFFICIEN'
L39      0 FILE BIOTECHNO
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'URFACTANCY(P)BEAD'
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'BEAD(P)ANTIGEN'
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'ANTIGEN(P)COEFFICIEN'
L40      0 FILE COMPENDEX
L41      0 FILE ANABSTR
L42      0 FILE CERAB
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'URFACTANCY(P)BEAD'
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'BEAD(P)ANTIGEN'
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'ANTIGEN(P)COEFFICIEN'
L43      0 FILE METADEX
L44      1 FILE USPATFULL
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TOTAL FOR ALL FILES
 L45 2 SURFACTANCY(P) BEAD(P) ANTIGEN(P) COEFFICIENT

=> surfactancy(P)bead(P)antigen

L46 1 FILE CAPLUS
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 FIELD CODE - 'AND' OPERATOR ASSUMED 'URFACTANCY(P) BEAD'
 PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
 FIELD CODE - 'AND' OPERATOR ASSUMED 'BEAD(P) ANTIGEN'
 L47 0 FILE BIOTECHNO
 PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
 FIELD CODE - 'AND' OPERATOR ASSUMED 'URFACTANCY(P) BEAD'
 PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
 FIELD CODE - 'AND' OPERATOR ASSUMED 'BEAD(P) ANTIGEN'
 L48 0 FILE COMPENDEX
 L49 0 FILE ANABSTR
 L50 0 FILE CERAB
 PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
 FIELD CODE - 'AND' OPERATOR ASSUMED 'URFACTANCY(P) BEAD'
 PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
 FIELD CODE - 'AND' OPERATOR ASSUMED 'BEAD(P) ANTIGEN'
 L51 0 FILE METADEX
 L52 1 FILE USPATFULL

TOTAL FOR ALL FILES

L53 2 SURFACTANCY(P) BEAD(P) ANTIGEN

=> dup rem

ENTER L# LIST OR (END):L53

PROCESSING COMPLETED FOR L53

L54 2 DUP REM L53 (0 DUPLICATES REMOVED)

=> d l54 ibib abs total

L54 ANSWER 1 OF 2 USPATFULL on STN

ACCESSION NUMBER: 2002:8201 USPATFULL

TITLE: No wash bead assay, kit and procedure

INVENTOR(S): Hechinger, Mark K., Pasadena, CA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002004199	A1	20020110
APPLICATION INFO.:	US 2001-873866	A1	20010604 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-209437P	20000602 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	COLIN P ABRAHAMS, 5850 CANOGA AVENUE, SUITE 400, WOODLAND HILLS, CA, 91367	
NUMBER OF CLAIMS:	26	
EXEMPLARY CLAIM:	1	
LINE COUNT:	793	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A method of making a no wash bead based assay comprises preparing a first reagent comprising a buffer, and preparing a second reagent comprising a protein. Beads of preselected size and having a coefficient of variation less than 5% are prepared, including washing the beads in the buffer to form a bead -buffer matrix and reducing the surfactancy of the beads to an effective amount. Thereafter, an antigen for detecting the presence of a target species is added to the bead-buffer matrix such that the antigen attaches to the beads to form a bead-antigen mixture. The surfactancy of the beads facilitates attachment of the antigen thereto. Buffer is added to the bead-antigen mixture and thereafter the mixture is incubated. The

second reagent is added to the **bead-antigen** mixture
to reduce or eliminate non-specific binding sites.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L54 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2003 ACS on STN
ACCESSION NUMBER: 2001:886639 CAPLUS
DOCUMENT NUMBER: 136:17677
TITLE: No wash bead assay, kit and procedure
INVENTOR(S): Hechinger, Mark K.
PATENT ASSIGNEE(S): Cytometry Applications, Inc., USA
SOURCE: PCT Int. Appl., 28 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001092887	A1	20011206	WO 2001-US40837	20010604
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
US 2002004199	A1	20020110	US 2001-873866	20010604
EP 1292829	A1	20030319	EP 2001-939955	20010604
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
PRIORITY APPLN. INFO.:			US 2000-209437P	P 20000602
			WO 2001-US40837	W 20010604

AB A method of making a no wash **bead** based assay comprises prepg. a
first reagent comprising a buffer, and prepg. a second reagent comprising
a protein. **Beads** of preselected size and having a coeff. of
variation less than 5 are prepd., including washing the **beads** in
the buffer to form a **bead-buffer** matrix and reducing the
surfactancy of the **beads** to an effective amt.
Thereafter, an **antigen** for detecting the presence of a target
species is added to the **bead-buffer** matrix such that the
antigen attaches to the **beads** to form a **bead-**
antigen mixt. The **surfactancy** of the **beads**
facilitates attachment of the **antigen** thereto. Buffer is added
to the **bead-antigen** mixt. and thereafter the mixt. is
incubated. The second reagent is added to the **bead-**
antigen mixt. to reduce or eliminate non-specific binding sites.

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> surfactancy(P)bead(P)(coat or attach)
L55 1 FILE CAPLUS
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'URFACTANCY(P)BEAD'
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'BEAD(P)(COAT'
L56 0 FILE BIOTECHNO
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'URFACTANCY(P)BEAD'
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH

FIELD CODE - 'AND' OPERATOR ASSUMED 'BEAD(P) (COAT'
 L57 0 FILE COMPENDEX
 L58 0 FILE ANABSTR
 L59 0 FILE CERAB
 PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
 FIELD CODE - 'AND' OPERATOR ASSUMED 'URFACTANCY(P) BEAD'
 PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
 FIELD CODE - 'AND' OPERATOR ASSUMED 'BEAD(P) (COAT'
 L60 0 FILE METADEX
 L61 1 FILE USPATFULL

TOTAL FOR ALL FILES
 L62 2 SURFACTANCY(P) BEAD(P) (COAT OR ATTACH)

=> surfactancy(P)bead
 L63 1 FILE CAPLUS
 PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
 FIELD CODE - 'AND' OPERATOR ASSUMED 'URFACTANCY(P) BEAD'
 L64 0 FILE BIOTECHNO
 PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
 FIELD CODE - 'AND' OPERATOR ASSUMED 'URFACTANCY(P) BEAD'
 L65 0 FILE COMPENDEX
 L66 0 FILE ANABSTR
 L67 0 FILE CERAB
 PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
 FIELD CODE - 'AND' OPERATOR ASSUMED 'URFACTANCY(P) BEAD'
 L68 0 FILE METADEX
 L69 2 FILE USPATFULL

TOTAL FOR ALL FILES
 L70 3 SURFACTANCY(P) BEAD

=> d l70 ibib abs total

L70 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2003 ACS on STN
 ACCESSION NUMBER: 2001:886639 CAPLUS
 DOCUMENT NUMBER: 136:17677
 TITLE: No wash bead assay, kit and procedure
 INVENTOR(S): Hechinger, Mark K.
 PATENT ASSIGNEE(S): Cytometry Applications, Inc., USA
 SOURCE: PCT Int. Appl., 28 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001092887	A1	20011206	WO 2001-US40837	20010604
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
US 2002004199	A1	20020110	US 2001-873866	20010604
EP 1292829	A1	20030319	EP 2001-939955	20010604
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
PRIORITY APPLN. INFO.:			US 2000-209437P	P 20000602

AB A method of making a no wash **bead** based assay comprises prepg. a first reagent comprising a buffer, and prepg. a second reagent comprising a protein. **Beads** of preselected size and having a coeff. of variation less than 5 are prepd., including washing the **beads** in the buffer to form a **bead**-buffer matrix and reducing the **surfactancy** of the **beads** to an effective amt. Thereafter, an antigen for detecting the presence of a target species is added to the **bead**-buffer matrix such that the antigen attaches to the **beads** to form a **bead**-antigen mixt. The **surfactancy** of the **beads** facilitates attachment of the antigen thereto. Buffer is added to the **bead**-antigen mixt. and thereafter the mixt. is incubated. The second reagent is added to the **bead**-antigen mixt. to reduce or eliminate non-specific binding sites.

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L70 ANSWER 2 OF 3 USPATFULL on STN

ACCESSION NUMBER: 2002:8201 USPATFULL
 TITLE: No wash bead assay, kit and procedure
 INVENTOR(S): Hechinger, Mark K., Pasadena, CA, UNITED STATES

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 2002004199	A1	20020110
APPLICATION INFO.:	US 2001-873866	A1	20010604 (9)

	NUMBER	DATE
PRIORITY INFORMATION:	US 2000-209437P	20000602 (60)
DOCUMENT TYPE:	Utility	
FILE SEGMENT:	APPLICATION	
LEGAL REPRESENTATIVE:	COLIN P ABRAHAMS, 5850 CANOGA AVENUE, SUITE 400, WOODLAND HILLS, CA, 91367	
NUMBER OF CLAIMS:	26	
EXEMPLARY CLAIM:	1	
LINE COUNT:	793	

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A method of making a no wash **bead** based assay comprises preparing a first reagent comprising a buffer, and preparing a second reagent comprising a protein. **Beads** of preselected size and having a coefficient of variation less than 5% are prepared, including washing the **beads** in the buffer to form a **bead**-buffer matrix and reducing the **surfactancy** of the **beads** to an effective amount. Thereafter, an antigen for detecting the presence of a target species is added to the **bead**-buffer matrix such that the antigen attaches to the **beads** to form a **bead**-antigen mixture. The **surfactancy** of the **beads** facilitates attachment of the antigen thereto. Buffer is added to the **bead**-antigen mixture and thereafter the mixture is incubated. The second reagent is added to the **bead**-antigen mixture to reduce or eliminate non-specific binding sites.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L70 ANSWER 3 OF 3 USPATFULL on STN

ACCESSION NUMBER: 94:39861 USPATFULL
 TITLE: Oral hygiene compositions containing antiplaque agents
 INVENTOR(S): Au, Van, Peekskill, NY, United States
 Carson, Robert G., Rahway, NJ, United States
 Harirchian, Bijan, South Orange, NJ, United States
 Schilling, Kurt M., Verona, NJ, United States
 PATENT ASSIGNEE(S): Lever Brothers Company, Division of Conopco, Inc., New

York, NY, United States (U.S. corporation)

	NUMBER	KIND	DATE
PATENT INFORMATION:	US 5310542		19940510
APPLICATION INFO.:	US 1992-981707		19921125 (7)
RELATED APPLN. INFO.:	Continuation-in-part of Ser. No. US 1991-816409, filed on 31 Dec 1991, now abandoned		
DOCUMENT TYPE:	Utility		
FILE SEGMENT:	Granted		
PRIMARY EXAMINER:	Griffin, Ronald W.		
LEGAL REPRESENTATIVE:	Mitelman, Rimma		
NUMBER OF CLAIMS:	29		
EXEMPLARY CLAIM:	1		
LINE COUNT:	1156		

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Dentifrice compositions including specific aldobionamides having a .beta.-galactosidic linkage e.g., lactobionamides, which act as antimicrobial agents and/or inhibitors of bacterial adhesion.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> file .meeting

'EVENTLINE' IS NOT A VALID FILE NAME

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FULL ESTIMATED COST	39.31	93.27
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-1.30	-2.60

FILE 'AGRICOLA' ENTERED AT 10:39:01 ON 29 AUG 2003

FILE 'BIOTECHNO' ENTERED AT 10:39:01 ON 29 AUG 2003

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FILE 'MEDICONF' ENTERED AT 10:39:01 ON 29 AUG 2003

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FILE 'PASCAL' ENTERED AT 10:39:01 ON 29 AUG 2003

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```
=> surfactancy(P)bead(P)antigen(P)coefficient
L71      0 FILE AGRICOLA
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'URFACTANCY(P) BEAD'
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'BEAD(P) ANTIGEN'
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'ANTIGEN(P) COEFFICIENT'
L72      0 FILE BIOTECHNO
L73      0 FILE CONFSCI
L74      0 FILE HEALSAFE
L75      0 FILE IMSDRUGCONF
L76      0 FILE LIFESCI
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'URFACTANCY(P) BEAD'
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'BEAD(P) ANTIGEN'
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'ANTIGEN(P) COEFFICIENT'
L77      0 FILE MEDICONF
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'URFACTANCY(P) BEAD'
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'BEAD(P) ANTIGEN'
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'ANTIGEN(P) COEFFICIENT'
L78      0 FILE PASCAL
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TOTAL FOR ALL FILES

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L79      0 SURFACTANCY(P) BEAD(P) ANTIGEN(P) COEFFICIENT
```

```
=> surfactancy(P)bead(P)antigen
L80      0 FILE AGRICOLA
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'URFACTANCY(P) BEAD'
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'BEAD(P) ANTIGEN'
L81      0 FILE BIOTECHNO
L82      0 FILE CONFSCI
L83      0 FILE HEALSAFE
L84      0 FILE IMSDRUGCONF
L85      0 FILE LIFESCI
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'URFACTANCY(P) BEAD'
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'BEAD(P) ANTIGEN'
L86      0 FILE MEDICONF
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'URFACTANCY(P) BEAD'
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'BEAD(P) ANTIGEN'
L87      0 FILE PASCAL
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TOTAL FOR ALL FILES

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L88      0 SURFACTANCY(P) BEAD(P) ANTIGEN
```

```
=> surfactancy(P)bead
L89      0 FILE AGRICOLA
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'URFACTANCY(P) BEAD'
L90      0 FILE BIOTECHNO
L91      0 FILE CONFSCI
```

L92 0 FILE HEALSAFE
L93 0 FILE IMSDRUGCONF
L94 0 FILE LIFESCI
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'URFACTANCY(P) BEAD'
L95 0 FILE MEDICONF
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'URFACTANCY(P) BEAD'
L96 0 FILE PASCAL

TOTAL FOR ALL FILES
L97 0 SURFACTANCY(P) BEAD